DATABASE MANAGEMENT SYSTEM

Indian Institute of Information Technology, Allahabad

Department of Information Technology

PROJECT DEMONSTRATION

ONLINE SHOPPING SYSTEM

Group Members

GROUP NUMBER - 13

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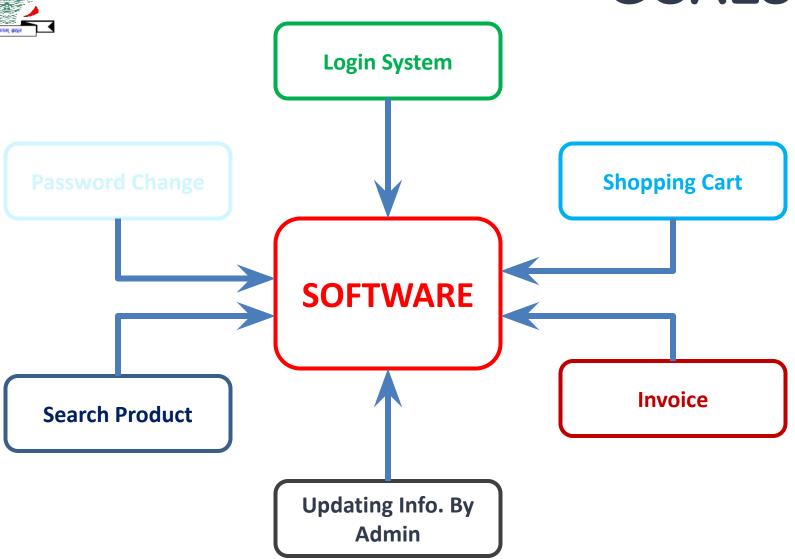# INTRODUCTION

ONLINE SHOPPING SYSTEM is Web based project

Shopping has long been considered a recreational activity by many. Shopping online is no exception. The goal of this application is to develop a web based interface for online retailers. The system would be easy to use and hence make the shopping experience pleasant for the users.

The goal of this application is

- **To develop an easy** to use web based interface where users can search for products, view a complete description of the products and order the products.
- **A search engine that provides an easy and convenient way** to search for products specific to their needs. The search engine would list a set of products. based on the search term and the user can further filter the list based on various parameters.

GOALS

Login System

Password Change

Shopping Cart

SOFTWARE

Search Product

Invoice

Updating Info. By Admin

APPLICATIONS

The project aimed at creating a virtual shop environment for users

User can view list of different types of product and also get particular product after searching

Get detail information about any product and also add to cart list

User can also register here

MOTIVATIONS

Why This Software ?

Lockdown….The bane which locked humanity within four walls !!

Not all the people want to get out for buying product . This software provides various product for shopping online through website.

Also, user can register here and get some discount on shopping

Such a software is helpful when the user is reluctant enough of not moving out.
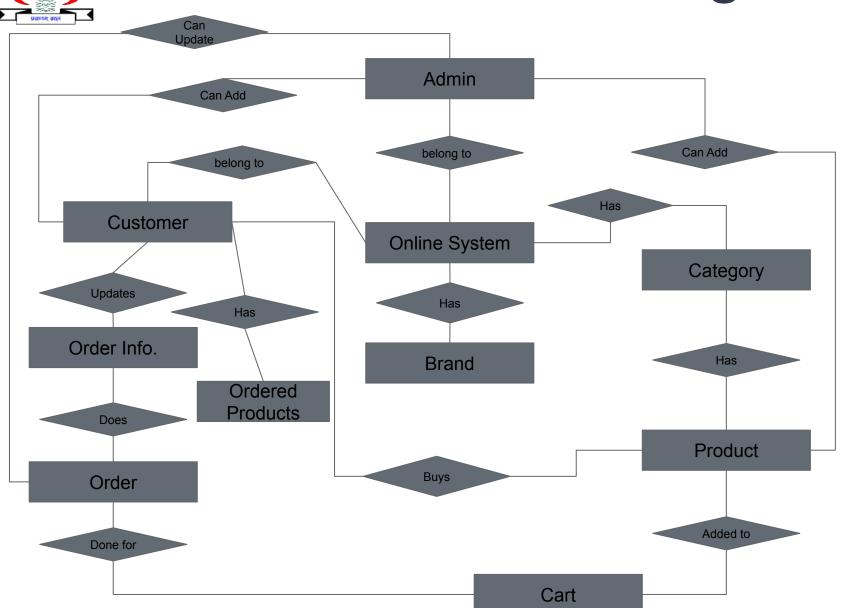
OBJECTIVE

- **To build an application database for storing shopping information**

- The current system can be extended to allow the users to create accounts and save products in to wish list.

- The users could subscribe for price alerts which would enable them to receive messages when price for products fall below a particular level.

- The current system is confined only to the shopping cart process. It can be extended to have a easy to use check out process.

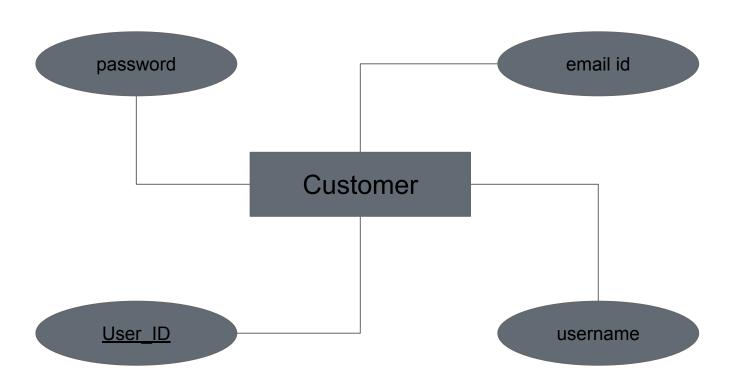- Users can have multiple shipping and billing information saved.

FUTURE SCOPE

- The current system can be extended to allow the users to create accounts and save products in to wish list.

- The users could subscribe for price alerts which would enable them to receive messages when price for products fall below a particular level.

- The current system is confined only to the shopping cart process. It can be extended to have an easy to use check out process.

- Users can have multiple shipping and billing information saved. During checkout they can use the drag and drop feature to select shipping and billing information.
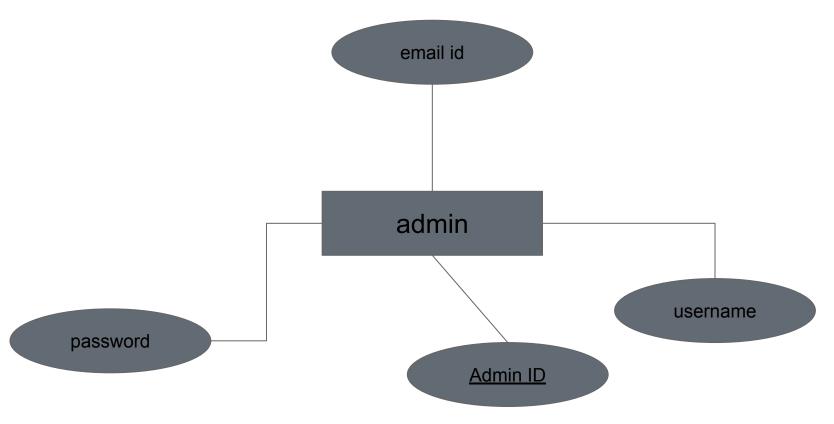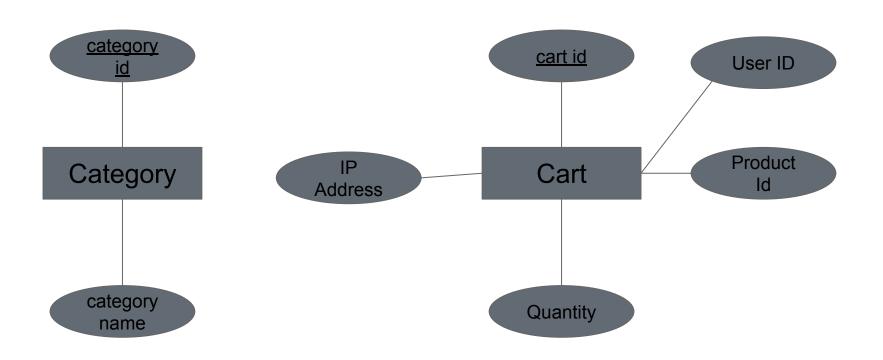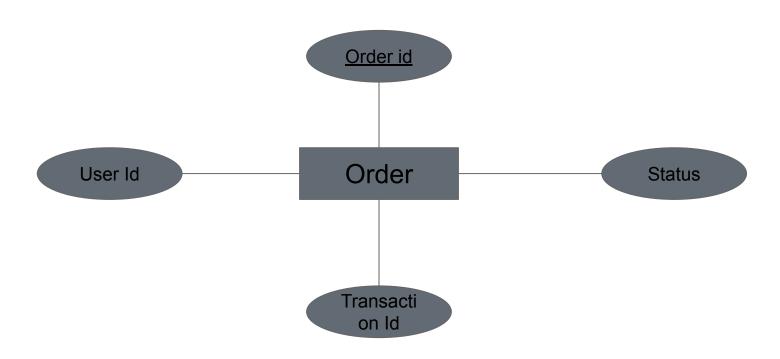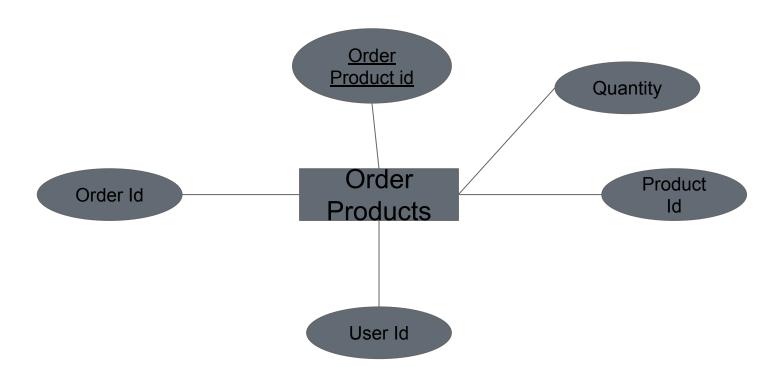
ER Diagram

password

email id

Customer

User_ID

username

ER Diagram

email id

admin

password

Admin ID

username

ER Diagram

category id

Category

category name

cart id

User ID

IP Address

Cart

Product Id

Quantity

ER Diagram

Order id

User Id

Order

Status

Transaction Id

ER Diagram

Brand Id

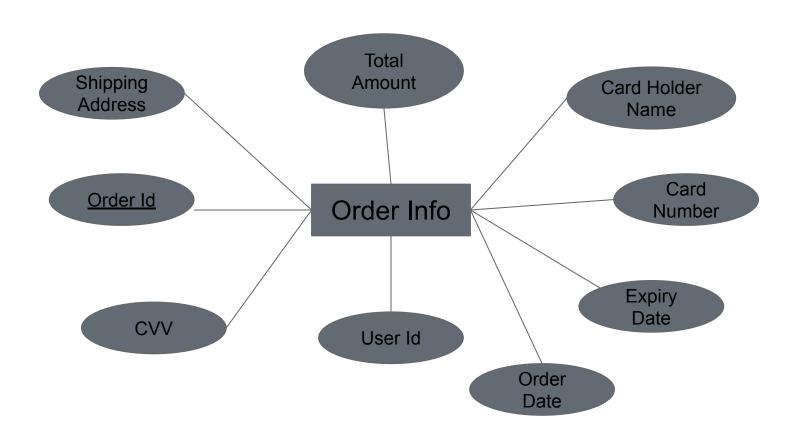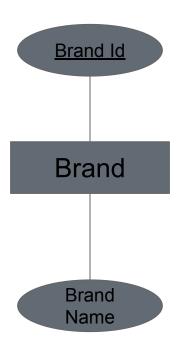Brand

Brand
Name

TECH STACK USED

Front End Development

HTML

HTML is used to design layout and structure of website.

CSS

CSS is used to add designs, fonts and make website attractive.

JS

JavaScript is used to add dynamic effects on client side

TECH STACK USED

Back End Development

MySQL database is used to store data of user, admin, products and payments.

PHP is used as a main backend language with database programming

Download Xampp Control panel and install it.

Now go to C:\xampp\htdocs and create anew folder in here named REDSTORE and paste the sent files here.

Open Xampp control panel and start apache and mysql server and then click the admin button. It will open your browser and it will redirect you to phpmyadmin.
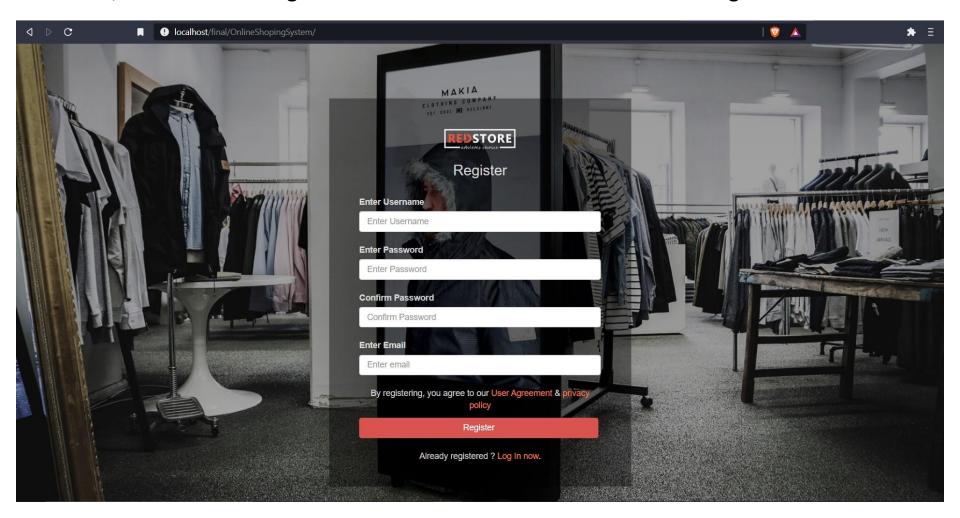
After you have opened phpmyadmin then there create a new DBMS named test

Then in test schema import the sql queries from C:\xampp\htdocs\redstore\database\test.sql. It will create the required tables for the project.

After that go to URL bar and type localhost/redstore. This will open the website of the project.
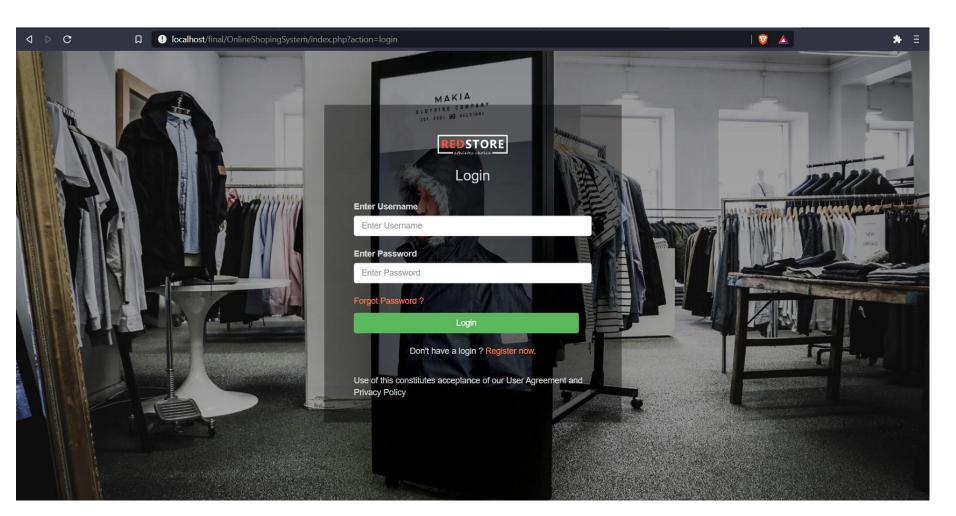
User Manual(cont.)

For entering the Homepage of the website firstly we have register ourselves on the server, for that in this register form fill out the details asked and hit register button.
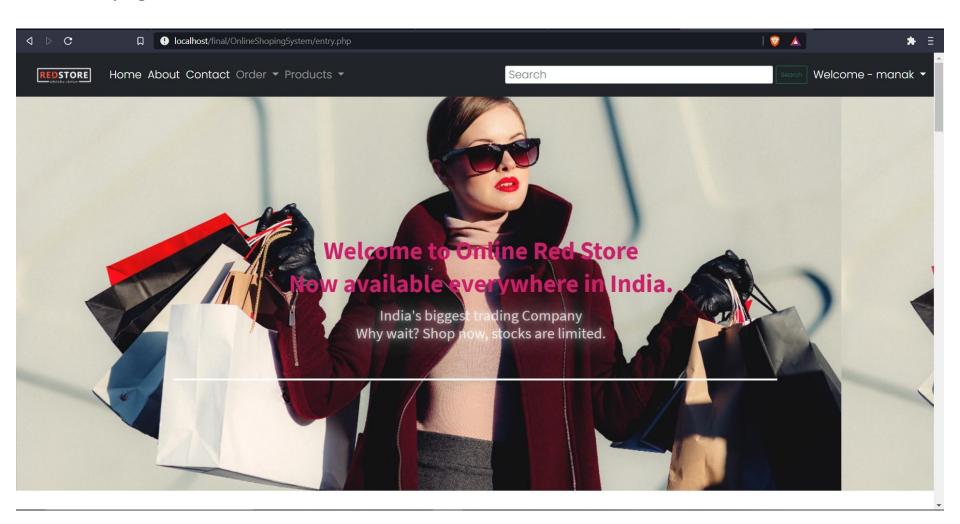
User Manual(cont.)

After Registering then we can log in into the site using login credentials that we have entered during registration.

Homepage:

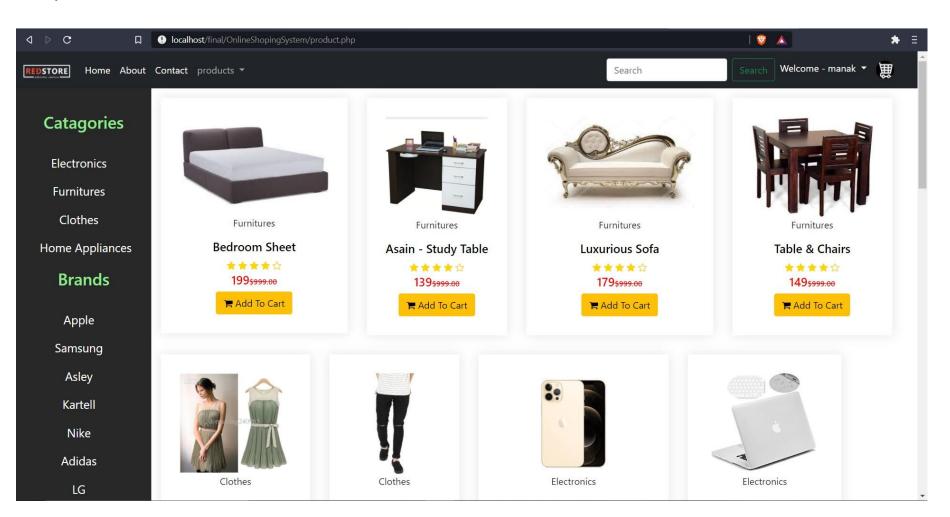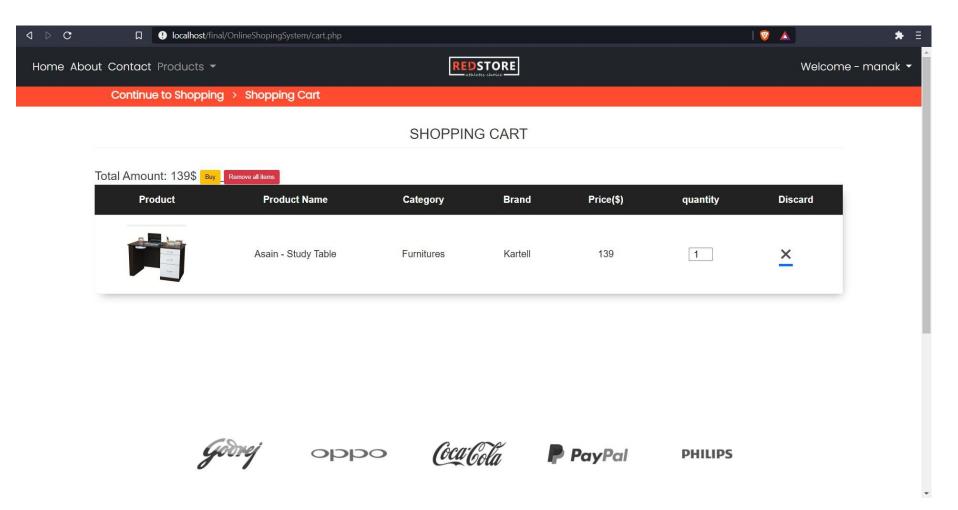In the home page we can go through the nav bar and click on the products to check the products:
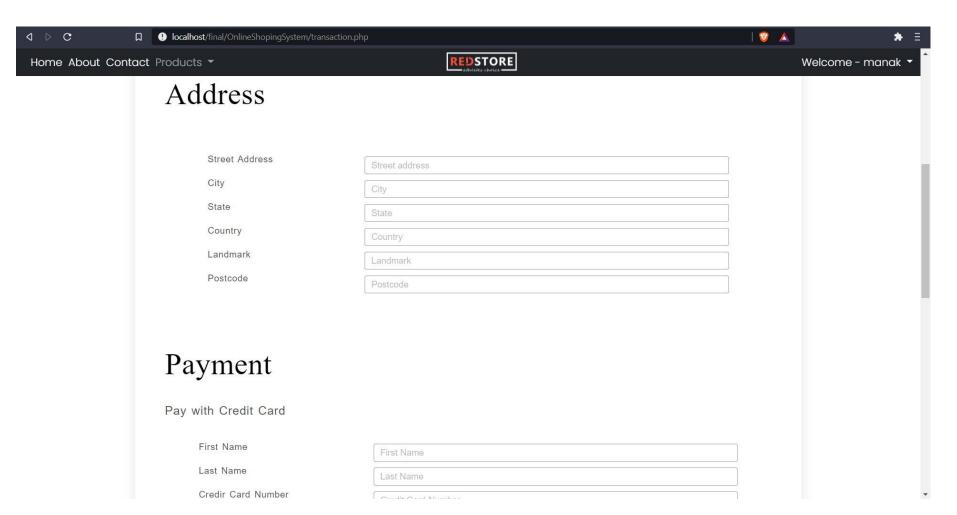
User Manual(cont.)

In the products we can choose the product we want and then we can add that product to the cart so that we can buy it. And the chosen item will be stored in cart.

User Manual(cont.)

Now the item is in cart, we can pursue to the payment part by clicking on the buy button in the cart page. In the payment page fill out the details mentioned.

User Manual(cont.)

Here, Now the admin will come to the play. So for loging in as admin we have to go to the homepage of the website and the click on the admin and then click on login after that you will be redirected to the page for admin login. There we have to fill admin credentials to login. After the login you will be redirected to admin Dashboard.
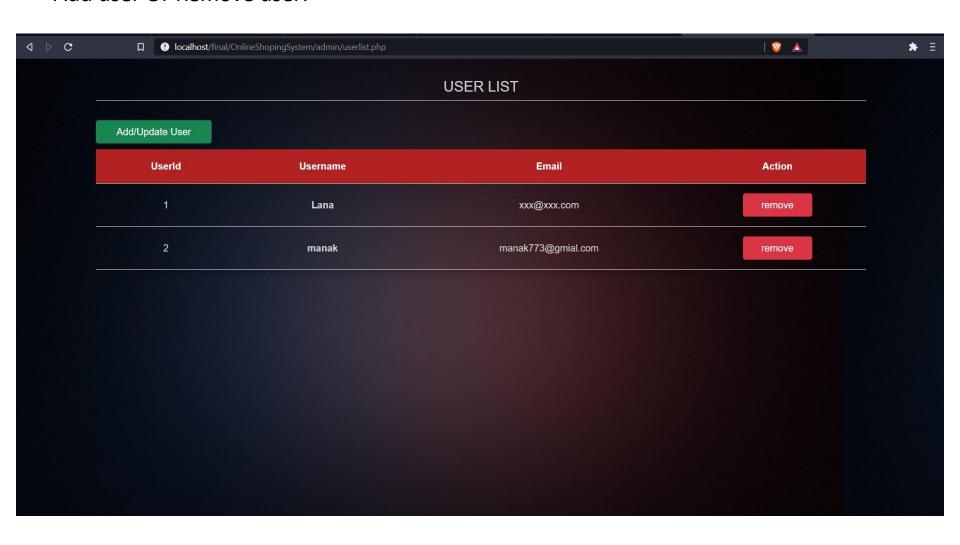
Following are the functionality that are done by admin:
- Add User Or Remove user Or Update the information of User
- Change the Status of Order placed by user.
- Add A new Product
- Remove a Product.
- See the list of Products.
- Change its Password.

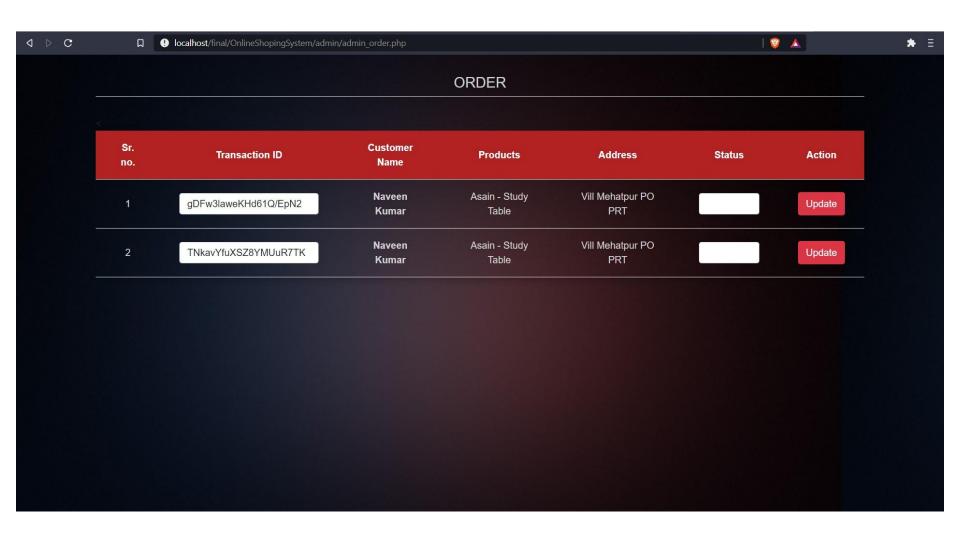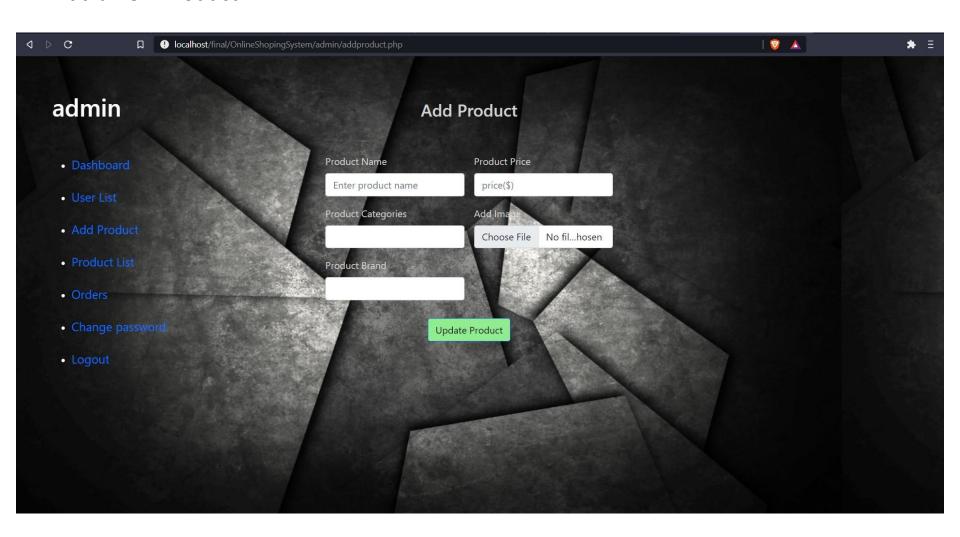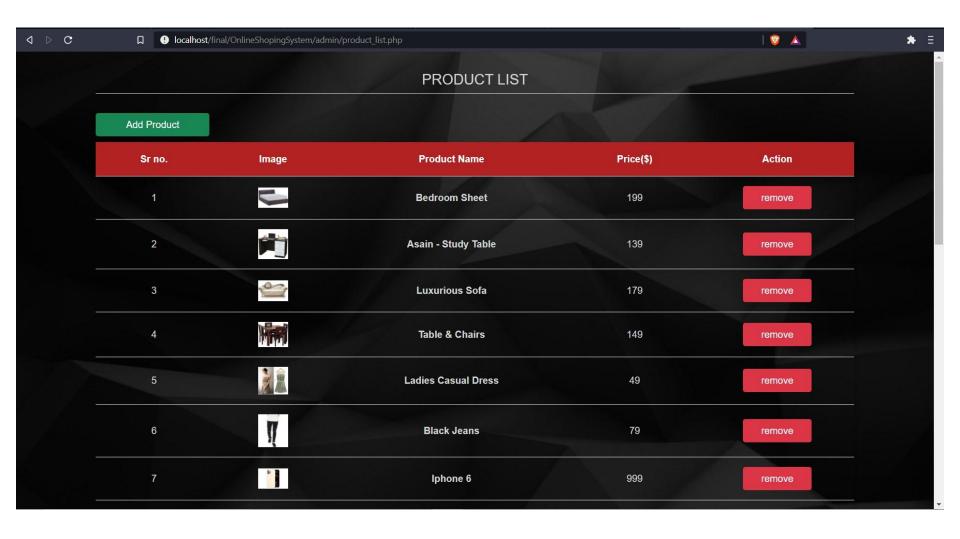These all of functionalities can be see as follows:

User Manual(cont.)

Add user Or Remove user:

User Manual(cont.)

Orders Status:

User Manual(cont.)
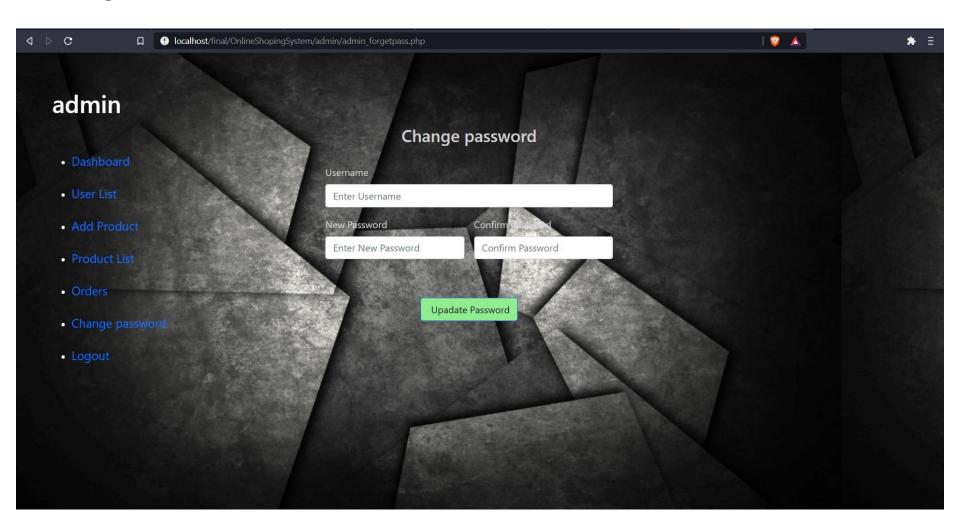
Add a new Product:

User Manual(cont.)

List of Available Products:

Change Its Password:

User Manual(cont.)
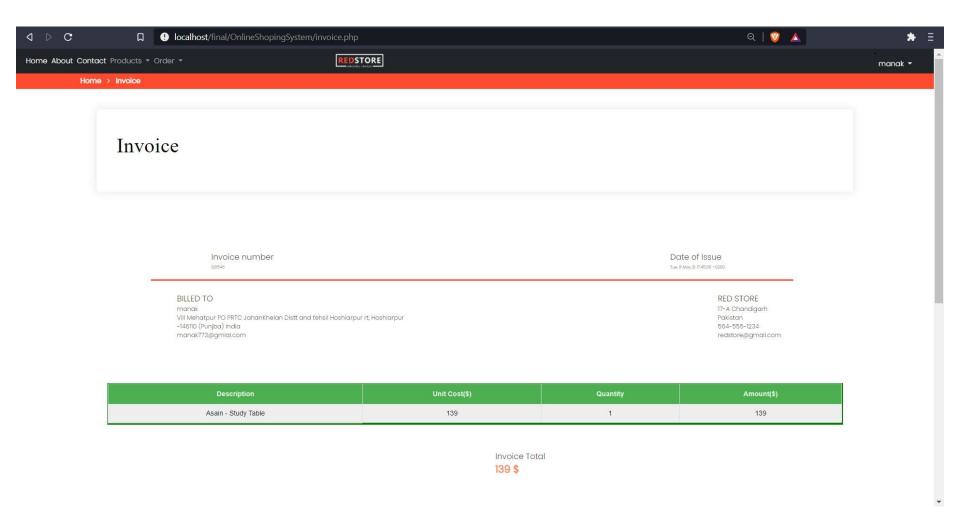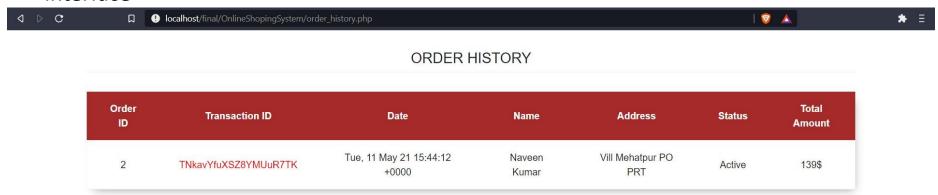
After Admin Changes the status of the order user can see his/her order's invoice:

localhost/final/OnlineShopingSystem/invoice.php

Home About Contact Products ▼ Order ▼   REDSTORE   manak ▼

Home › Invoice

Invoice

Invoice number		Date of Issue
126546		Tue, 11 May 21 17:45:06 +0200

BILLED TO
manak
Vill Mehatpur PO PRTC JahanKhelan Distt and tehsil Hoshiarpur rt, Hoshiarpur
-146110 (Punjba) India
manak773@gmial.com

RED STORE
17-A Chandigarh
Pakistan
564-555-1234
redstore@gmail.com

Description	Unit Cost($)	Quantity	Amount($)
Asain - Study Table	139	1	139

Invoice Total
139 $

User Manual(cont.)

Also the history of shopping by clicking on the history on the homepage of the User interface

ORDER HISTORY

Order ID	Transaction ID	Date	Name	Address	Status	Total Amount
2	TNkavYfuXSZ8YMUuR7TK	Tue, 11 May 21 15:44:12 +0000	Naveen Kumar	Vill Mehatpur PO PRT	Active	139$

Conclusion

The 'Online Shopping' is designed to provide a web based application that would make searching, viewing and selection of a product easier. The search engine provides an easy and convenient way to search for products where a user can Search for a product interactively and the search engine would refine the products available based on the user's input. The user can then view the complete specification of each product. This system have also Add to cart feature that create a temporary list of items by adding them to your cart, which will keep track of the items until you leave our website.

Work Division

Front-End

Vikram Singh
Abhishek Raj

Back-End

**Naveen Kumar
Ritik Kumar**

THANK YOU